

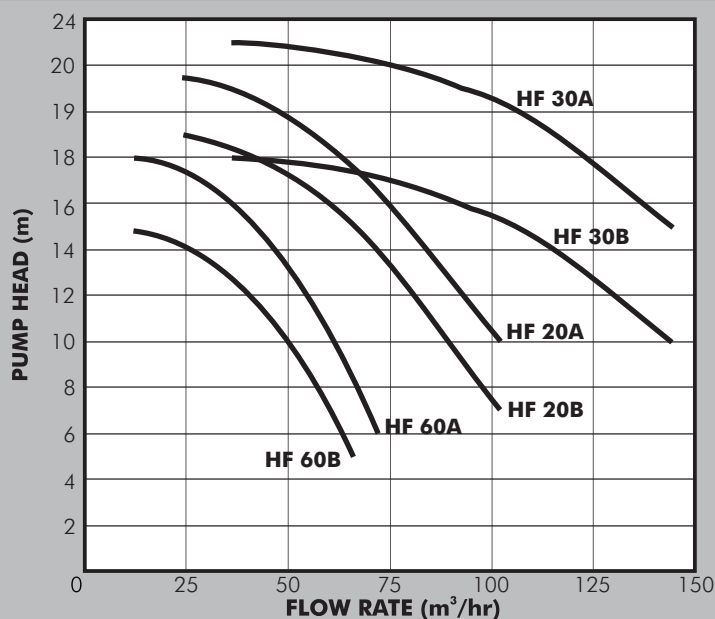


PEDROLLO



HF

Horizontal High Flow Centrifugal Pumps



PUMP

The PEDROLLO HF series are non self-priming closed impeller pumps with close coupled motors for high flow applications. They are specifically designed for heavy duty industrial and agricultural use and feature adequate passageways in the volute and impeller to allow pumping of water with a light silt load. The pumps are of back pullout design allowing dismantling without disconnection of the pump casing from the pipework. The pump body is constructed from cast iron and the impeller from brass alloy.

MOTOR

Pumps are close coupled to Pedrollo brushless TEFC induction motors designed for continuous operation. Single phase motors are provided with a thermal cutout in the windings to protect against electric and mechanical overload and can be connected directly to the mains power supply through a 10Amp fuse or MCB. Three phase motors require remote DOL starter protection according to local regulations.

Enclosure Class: IP44

Insulation Class: F

Speed: 2900 rpm

OPERATING CONDITIONS

Pumped liquid: Thin, clean, chemically non-aggressive liquids without solids or fibres.

Max. Fluid Temperature: +60°C

Max. Ambient Temperature: +40°C

Max. Suction lift: 7 m (at sea level)

PUMP DATA

| Model | Voltage | Motor (kW) | Current (A) | DN1 (") | DN2 (") | Dimensions (mm) | | | Weight (kg) |
|--------|---------|------------|-------------|---------|---------|-----------------|-----|-----|-------------|
| | | | | | | L | H | W | |
| HFm 6B | 1x240V | 1.5 | 9.4 | 3 | 3 | 429 | 310 | 240 | 27 |
| HF 6A | 3x415V | 2.2 | 5.0 | | | | | | 30 |
| HF 20B | | 3.0 | 7.2 | | | | | | 38 |
| HF 20A | | 4.0 | 8.5 | 4 | 4 | 479 | 312 | 255 | 41 |
| HF 30B | | 5.5 | 12.3 | | | 497 | | | 52 |
| HF 30A | | 7.5 | 15.9 | | | 547 | 370 | 292 | 58 |

